

Amendments to the Claims

The current listing of the claims replaces all previous amendments and listings of the claims.

1. (Currently Amended) An acceptance control apparatus, used in a radio communication system, comprising:

a receiving part which receives a connection request signal and a required communication quality value from a new terminal ~~which newly requires~~ establishing a new connection;

a request quality holding part which holds ~~only~~ required communication quality values on terminals for each of ~~which~~ connection that has been accepted; and

a determination part which determines acceptance/refusal of the connection for the new terminal;

wherein:

said determination part obtains an available communication quality value from the required communication quality values of the terminals currently ~~on connection~~ connected held by said request quality holding part and a maximum permissible communication quality value of said radio communication system, and, when said available communication quality value satisfies the required communication quality value of the new terminal, said determination part accepts the connection for said new terminal.

2. (Currently Amended) An acceptance control apparatus, used in a radio communication system, comprising:

a receiving part which receives a connection request signal and a required communication quality value from a new terminal ~~which newly requires~~ establishing a new connection;

a quality measuring and holding part which obtains a communication quality type of the required communication quality of the new terminal received by said receiving part, measures the communication quality values on the terminals currently ~~on connection~~ connected for the thus-obtained communication quality type, and holds the measurement values; and

a determination part which determines acceptance/refusal of the connection for the new terminal;

wherein:

said determination part calculates an available communication quality value from the measurement values of the communication quality type held by said quality measuring and holding part and a maximum permissible communication quality value of said radio communication system, and, when said available communication quality value satisfies the required communication quality value of the new terminal, said determination part accept the connection for said new terminal.

3. (Currently Amended) An acceptance control apparatus, used in a radio communication system, comprising:

a receiving part which receives a connection request signal and a required communication quality value from a new terminal ~~which newly requires~~ establishing a new connection;

a request quality holding part which holds ~~only~~ required communication quality values on terminals for each ~~of which~~ connection that has been accepted; and

a quality measuring and holding part which obtains a communication quality type of the required communication quality of the new terminal received by said receiving part, measures the communication quality values on the terminals currently ~~on connection~~ connected for the thus-obtained communication quality type, and holds the measurement values; and a determination part which determines acceptance/refusal of the connection for the new terminal;

wherein:

said determination part calculates an available communication quality value from the required communication quality values of the terminals currently ~~on connection~~ connected for the terminal for each of which the measurement value is more superior than the required value held by said request quality holding part, the measurement values of the communication quality type for the terminals for each of which the measurement value is less superior than the required value held by said quality measuring and holding part, and a maximum permissible communication quality value of said radio communication system, and;

when said available communication quality value satisfies the required communication quality value of the new terminal, said determination part accept the connection for said new terminal.

4. (Original) The acceptance control apparatus as claimed in claim 1, wherein:
a throughput value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

5. (Original) The acceptance control apparatus as claimed in claim 1, wherein:

a delay time value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

6. (Original) The acceptance control apparatus as claimed in claim 2, wherein:

a throughput value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

7. (Original) The acceptance control apparatus as claimed in claim 2, wherein:

a delay time value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

8. (Original) The acceptance control apparatus as claimed in claim 3, wherein:

a throughput value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

9. (Original) The acceptance control apparatus as claimed in claim 3, wherein:

a delay time value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

10. (Currently Amended) An acceptance control method, used in a radio communication system, comprising the steps of:

a) receiving a connection request signal and a required communication quality value from a new terminal ~~which newly requires~~ establishing a new connection;

b) holding ~~only~~ required communication quality values on terminals for each ~~of which~~ connection that has been accepted; and

c) determining acceptance/refusal of the connection for the new terminal;

wherein:

said step c) obtains an available communication quality value from the required communication quality values on the terminals currently ~~on connection~~ connected held by said request quality holding part and a maximum permissible communication quality value of said radio communication system, and, when said available communication quality value satisfies the required communication quality value of the new terminal, said step c) accepts the connection for said new terminal.

11. (Currently Amended) An acceptance control method, used in a radio communication system, comprising the steps of:

a) receiving a connection request signal and a required communication quality value from a new terminal ~~which newly requires~~ establishing a new connection;

b) obtaining a communication quality type of the required communication quality of the new terminal received by said step a), measuring the communication quality values on terminals currently ~~on connection~~ connected for the thus-obtained communication quality type, and holding the thus-obtained measurement values; and

c) determining acceptance/refusal of the connection for the new terminal;

wherein:

said step c) calculates an available communication quality value from the measurement values of the communication quality type held by said step b) and a maximum permissible communication quality value of said radio communication system, and, when said available communication quality value satisfies the required communication quality value of the new terminal, said step c) accepts the connection for said new terminal.

12. (Currently Amended) An acceptance control method, used in a radio communication system, comprising the steps of:

a) receiving a connection request signal and a required communication quality value from a new terminal ~~which newly requires~~ establishing a new connection;

b) holding ~~only~~ required communication quality values on terminals for each ~~of which~~ connection that has been accepted;

c) obtaining a communication quality type of the required communication quality of the new terminal received by said step a), measuring the communication quality values on terminals currently ~~on connection~~ connected for the thus-obtained communication quality type, and holding the thus-obtained measurement values; and

d) determining acceptance/refusal of the connection for the new terminal;

wherein:

said step d) calculates an available communication quality value from the required communication quality values of the terminals currently ~~on connection~~ connected for the terminal for each of which the measurement value is more superior than the required value held by said step b), the measurement values of the communication quality type for the terminal for each of which the measurement value is less superior than the required value held by said step c), and a maximum permissible communication quality value of said radio communication system, and;

when said available communication quality value satisfies the required communication quality value of the new terminal, said step d) accepts the connection for said new terminal.

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13. (Original) The acceptance control method as claimed in claim 10, wherein:
a throughput value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

14. (Original) The acceptance control method as claimed in claim 10, wherein:
a delay time value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

15. (Original) The acceptance control method as claimed in claim 11, wherein:
a throughput value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

16. (Original) The acceptance control method as claimed in claim 11, wherein:
a delay time value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

17. (Original) The acceptance control method as claimed in claim 12, wherein:
a throughput value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.

18. (Original) The acceptance control method as claimed in claim 12, wherein:
a delay time value is employed as the communication quality value for determining acceptance/refusal of connection of the new terminal.